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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151431-1	E	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151431-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151431-1	E	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151431-2	E	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151431-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.01 mm [.079]	F
INSUL	2.82 mm [.111]	F
APPLICATOR INSTRUCTIONS 408-35042		

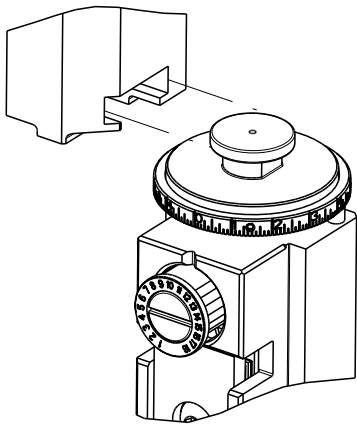
TERMINAL DATA: MOLEX TERMINAL		MOLEX CRIMP SPECIFICATION	
TERMINAL NAME: PIN AND SOCKET TERMINAL			
WIRE STRIP LENGTH 3.18-3.96 mm [.125-.156 IN]			INSULATION DIAMETER RANGE Ø1.52-3.05 mm [.060-.120 IN]
TERMINAL APPLICATION SPECIFICATION		MLX #011182017 Rev -	
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
1572015-7	02-06-1101	1572015-1	02-06-2101
1572015-8	02-06-5101	1572015-2	02-06-6101
1572015-9	02-06-5108	1572015-3	02-06-6118
1-1572015-0	02-06-5100	1572015-4	02-06-6116
1-1572015-1	02-06-5105	1572015-5	02-06-6100
1-1572015-2	02-06-1118	1572015-6	02-06-6105
1-1572015-3	02-06-2201		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG	1.055+/-0.015 [.0415+/- .0005]	5.9
20 AWG	0.99+/-0.03 [.039+/- .001]	6.3
22 AWG	0.935+/-0.025 [.037+/- .001]	6.8
24 AWG	0.885+/-0.025 [.035+/- .001]	7.1



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
- 5 CUT TO LENGTH AT ASSEMBLY.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

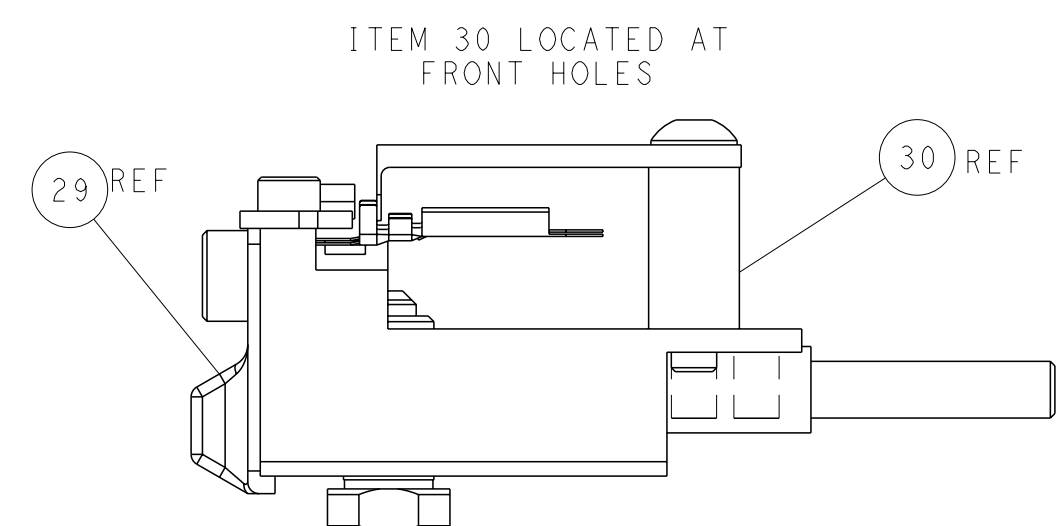
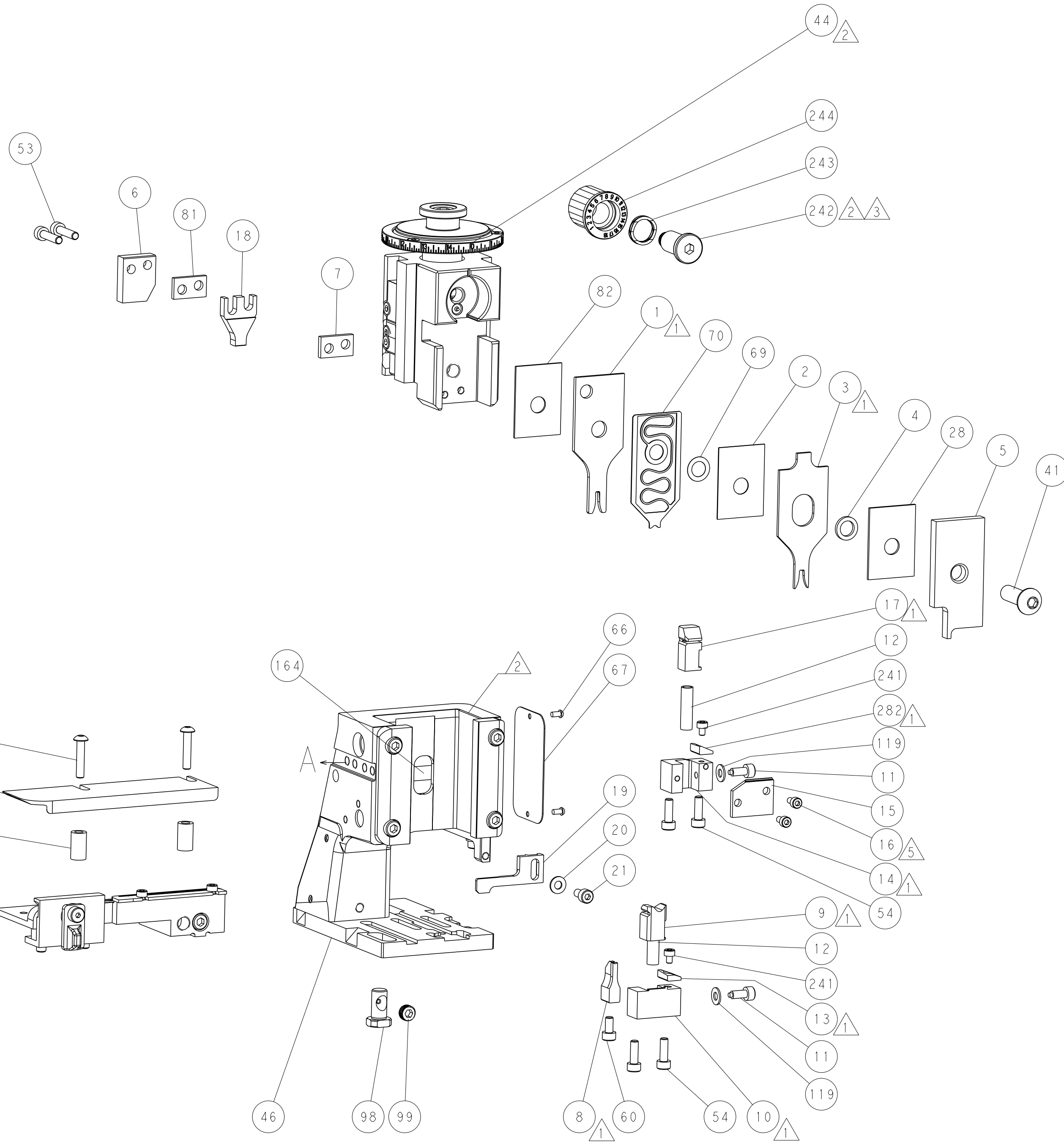
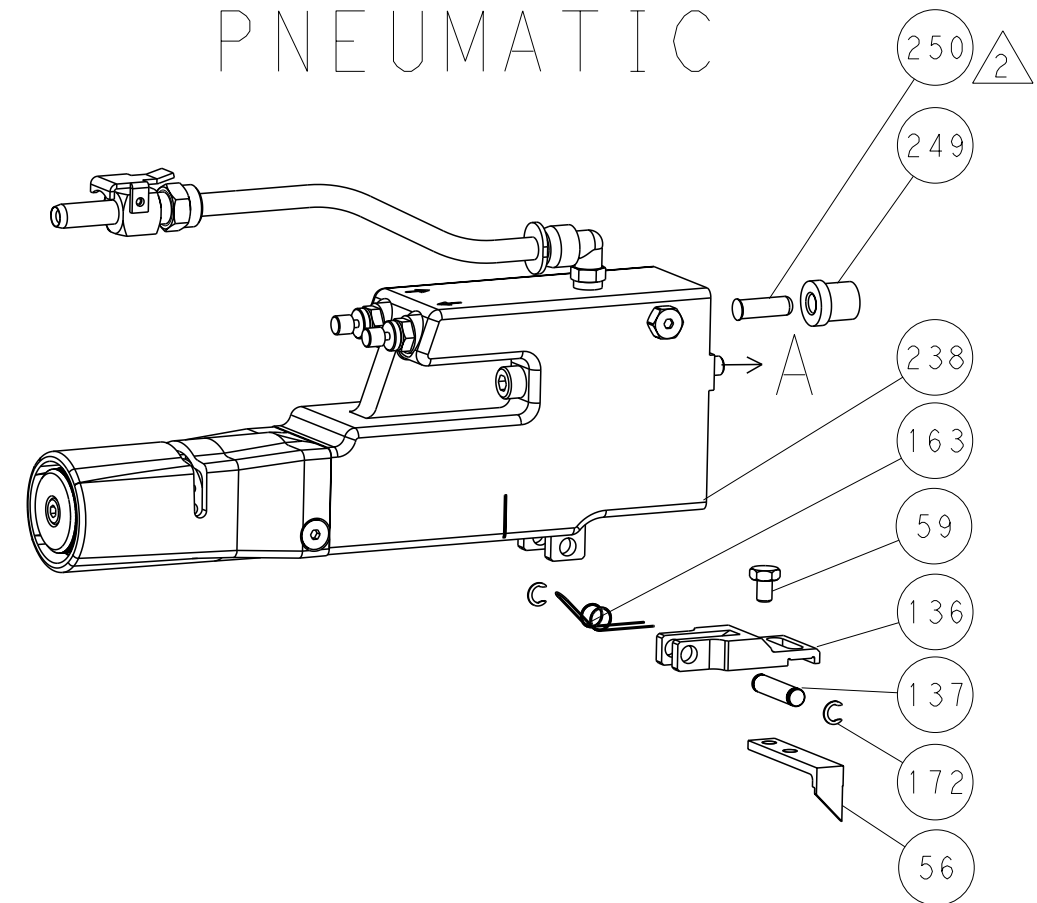
LOC	DIST	REVISIONS					
A	66	P	LYR	DESCRIPTION	DATE	DWN	APVD
		B		ECR-17-016817	15NOV2017	FL	GB
		C		ECR-18-006851	03MAY2018	TB	JDG
		D		ECR-19-006071	15APR2019	RK	TE
		E		ECR-20-006519	07MAY2020	JWC	GB

1	-	1	1	1	1	2280441-1	INSERT, SHEAR	282
	-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	-	1	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
	-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
	-	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	2	2	2	2	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
	-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
	-	1	-	1	-	2063440-1	AIR FEED MODULE	238
	-	2	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
	-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-	1	-	1	-	240638-1	SPRING, FEED FINGER	163
	-	1	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
	-	1	-	1	-	2119799-1	HOLDER, FEED FINGER, AF	136
	-	2	2	2	2	1-18028-2	WASHER, FLAT, REG M4	119
	-	1	1	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	1	1	2844907-1	POST, LOCKING	98
	-	1	1	1	1	455888-8	SPACER, CRIMPER	82
	-	1	1	1	1	240641-9	SPACER	81
	-	1	1	1	1	1803607-1	DOCUMENTATION PACKAGE	71
	-	1	1	1	1	2119791-5	DEPRESSOR, WIRE	70
	-	1	1	1	1	2119943-1	WASHER, SPACER	69
	-	1	1	1	1	2119740-1	TAG, IDENTIFICATION	67
	-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
	-	1	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
	-	1	1	1	1	1338685-1	PAWL, FEED	56
	-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
	-	2	2	2	2	2-2168083-6	SCR, SKT HD CAP, RoHS, M4 X 18	53
	-	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	-	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48
	-	-	1	-	1	2119653-1	FEED CAM, POST FEED	47
	-	1	1	1	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
	-	1	1	1	1	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
	-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
	-	1	1	1	1	1-455888-0	SPACER, CRIMPER	28
	-	1	1	1	1	1320928-2	STRIP GUIDE	24
	-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
	-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19
	-	1	1	1	1	1-690518-2	HOLD DOWN, TERMINAL	18
1	-	1	1	1	1	690463-6	FLOATING SHEAR, REAR	17
5	-	2	2	2	2	1-2168083-1	SCR, SKT HD CAP, RoHS, M3 X 6	16
	-	1	1	1	1	690691-4	PLATE, REAR SHEAR	15
1	-	1	1	1	1	2119862-1	SHEAR HOLDER, REAR	14
1	-	1	1	1	1	2119806-1	INSERT, SHEAR	13
	-	2	2	2	2	3-22280-3	SPRING, COMPRESSION	12
	-	2	2	2	2	1-356885-4	STOP, SHEAR	11
1	-	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1	1	1803095-1	FLOATING SHEAR, FRONT -	9
1	1	2	2	1	1	1633620-4	ANVIL, COMBINATION	8
	-	1	1	1	1	240641-2	SPACER	7
	-	1	1	1	1	690468-1	DEPRESSOR SHEAR, REAR	6
	-	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5
	-	1	1	1	1	1-238011-6	BLOCK, CRIMPER SPACER	4
1	1	2	2	1	1	1803016-5	CRIMPER, INSULATION F	3
	-	1	1	1	1	455888-4	SPACER, CRIMPER	2
1	1	2	2	1	1	7-1633305-8	CRIMPER, WIRE PREMIUM	1

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE OBSOLETE WITHOUT NOTICE. THE USER SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN R. HUANG	14MAY2012	TE Connectivity Harrisburg, PA 17105-3608					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. XI	14MAY2012	NAME Ocean Side Feed Applicator					
mm		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ±		PRODUCT SPEC		SIZE CASE CODE DRAWING NO					
		ANGLES ± FINISH		APPLICATION SPEC		RESTRICTED TO					
MATERIAL -		-		WEIGHT -		A1 00779 ©=2151431 -					
Customer Accessible Production Drawing						SCALE 1:2		SHEET 1 OF 4		REV E	

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

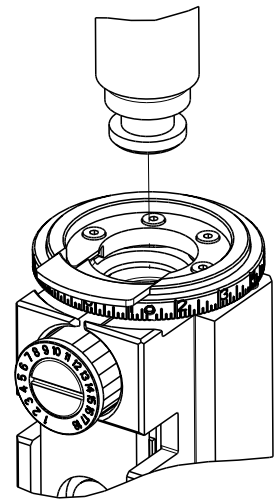
PNEUMATIC



THIS DRAWING IS A CONTROLLED DOCUMENT FOR TFCO ELECTRONICS CORPORATION IT IS TO BE KEPT IN THE ORIGINAL FILED IN THE TFCO ELECTRONICS CORPORATION SHOULD BE CONTACTED FOR THE LATEST REVISION		DWN 14MAY2012 CHK K. HUANG -		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm .1$ 1 PLC $\pm .1$ 2 PLC $\pm .1$ 3 PLC $\pm .1$ 4 PLC $\pm .1$ ANGLES $\pm .1$		NAME APVD 14MAY2012 PRODUCT SPEC - APPLICATION SPEC -	
		WEIGHT -		SIZE A1 CAGE CODE 00779 DRAWING NO. C=2151431 RESTRICTED TO -	
MATERIAL FINISH -		SCALE 1:2 SHEET 2 OF 4 REV E		Customer Accessible Production Drawing	

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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151431-1	E	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151431-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151431-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.01 mm [.079]	F
INSUL	2.82 mm [.111]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: MOLEX TERMINAL				MOLEX CRIMP SPECIFICATION			
TERMINAL NAME: PIN AND SOCKET TERMINAL							
WIRE STRIP LENGTH				INSULATION DIAMETER RANGE			
3.18-3.96 mm [.125-.156 IN]				Ø1.52-3.05 mm [.060-.120 IN]			
TERMINAL APPLICATION SPECIFICATION				MLX #011182017 Rev - - -			
TERMINALS APPLIED							
TE TERMINAL		MOLEX TERMINAL		TE TERMINAL		MOLEX TERMINAL	
1572015-7		02-06-1101		1572015-1		02-06-2101	
1572015-8		02-06-5101		1572015-2		02-06-6101	
1572015-9		02-06-5108		1572015-3		02-06-6118	
1-1572015-0		02-06-5100		1572015-4		02-06-6116	
1-1572015-1		02-06-5105		1572015-5		02-06-6100	
1-1572015-2		02-06-1118		1572015-6		02-06-6105	
1-1572015-3		02-06-2201					
WIRE SIZE		CRIMP HEIGHT		CRIMP HEIGHT		CRIMP HEIGHT	
		mm [INCH]		REFERENCE		SETTING	
18 AWG		1.055+/-0.015 [.0415+/- .0005]		5.9			
20 AWG		0.99+/-0.03 [.039+/- .001]		6.3			
22 AWG		0.935+/-0.025 [.037+/- .001]		6.8			
24 AWG		0.885+/-0.025 [.035+/- .001]		7.1			



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
- 5 CUT TO LENGTH AT ASSEMBLY.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING. REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

LOC	DIST	REVISIONS				
A	66	#	LYR	DESCRIPTION	DATE	OWN
		-		SEE SHEET 1	-	-

1	-	1	1	2280441-1	INSERT, SHEAR	282
	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
	-	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	2	2	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
	-	1	-	2063440-1	AIR FEED MODULE	238
	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
	-	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-	1	-	240638-1	SPRING, FEED FINGER	163
	-	1	-	2119641-2	FEED CAM, AIR FEED	151
	-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
	-	4	4	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	143
	-	-	1	2119653-2	FEED CAM, POST FEED	142
	-	1	1	1-1803583-0	APPLICATOR BASIC ASSEMBLY, SF	141
	-	1	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
	-	2	2	1-18028-2	WASHER, FLAT, REG M4	119
	-	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	2844907-1	POST, LOCKING	98
	-	1	1	455888-8	SPACER, CRIMPER	82
	-	1	1	240641-9	SPACER	81
	-	1	1	1803607-1	DOCUMENTATION PACKAGE	71
	-	1	1	2119791-5	DEPRESSOR, WIRE	70
	-	1	1	2119943-1	WASHER, SPACER	69
	-	1	1	2119740-1	TAG,IDENTIFICATION	67
	-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
	-	1	1	1338685-1	PAWL, FEED	56
	-	2	2	2-2168083-6	SCR, SKT HD CAP, RoHS, M4 X 18	53
	-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	-	-	1	2119652-1	FEED CAM, PRE FEED	48
	-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
	-	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
	-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
	-	1	1	1-455888-0	SPACER, CRIMPER	28
	-	1	1	1320928-2	STRIP GUIDE	24
	-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
	-	1	1	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	1	2119533-1	STRIPPER, SIDE FEED	19
	-	1	1	1-690518-2	HOLD DOWN, TERMINAL	18
1	-	1	1	690463-6	FLOATING SHEAR, REAR	17
5	-	2	2	1-2168083-1	SCR, SKT HD CAP, RoHS, M3 X 6	16
	-	1	1	690691-4	PLATE,REAR SHEAR	15
1	-	1	1	2119862-1	SHEAR HOLDER, REAR	14
1	-	1	1	2119806-1	INSERT, SHEAR	13
	-	2	2	3-22280-3	SPRING, COMPRESSION	12
	-	2	2	1-356885-4	STOP, SHEAR	11
	-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
1	-	1	1	1803095-1	FLOATING SHEAR, FRONT -	9
1	1	1	1	1633620-4	ANVIL, COMBINATION	8
	-	1	1	240641-2	SPACER	7
	-	1	1	690468-1	DEPRESSOR SHEAR, REAR	6
	-	1	1	2119757-8	DEPRESSOR, SHEAR	5
	-	1	1	1-238011-6	BLOCK, CRIMPER SPACER	4
1	1	1	1	1803016-5	CRIMPER, INSULATION F	3
	-	1	1	455888-4	SPACER, CRIMPER	2
1	1	1	1	7-1633305-8	CRIMPER, WIRE PREMIUM	1

-77	-22	-21	PART NO	DESCRIPTION	ITEM NO
			OWN H. HUANG 14MAY2012		
			CHK -		
			APVD S. XI 14MAY2012		
			NAME Ocean Side Feed Applicator		
			SIZE CAGE CODE DRAWING NO 00779 C=2151431		
			RESTRICTED TO -		
			Customer Accessible Production Drawing		
			SCALE 1:2		
			SHEET 3		
			OF 4		
			REV E		

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

Mouser Electronics

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[2151431-2](#)